

~~261537~~**BLOOD LEUKOCYTES IN GM-CSF**

↓
Culture 1d to adhere most monocytes
Culture nonadherent cells 6d
Feed with GM-CSF, culture 3d
Rinse loose cells away

AGGREGATES AFFIXED TO A DENSE ADHERENT MONOLAYER

↓
Dislodge aggregates with Pasteur pipettes
Subculture one well to three in GM-CSF
Culture 4-10d feeding q 3d

DENDRITIC CELL AGGREGATES AFFIXED TO SCATTERED ADHERENT CELLS

↓
Subculture as above at 2-3 weeks

AGGREGATES ATTACHED TO A FEW ADHERENT CELLS PLUS RELEASED DENDRITIC CELLS

FIG. 1

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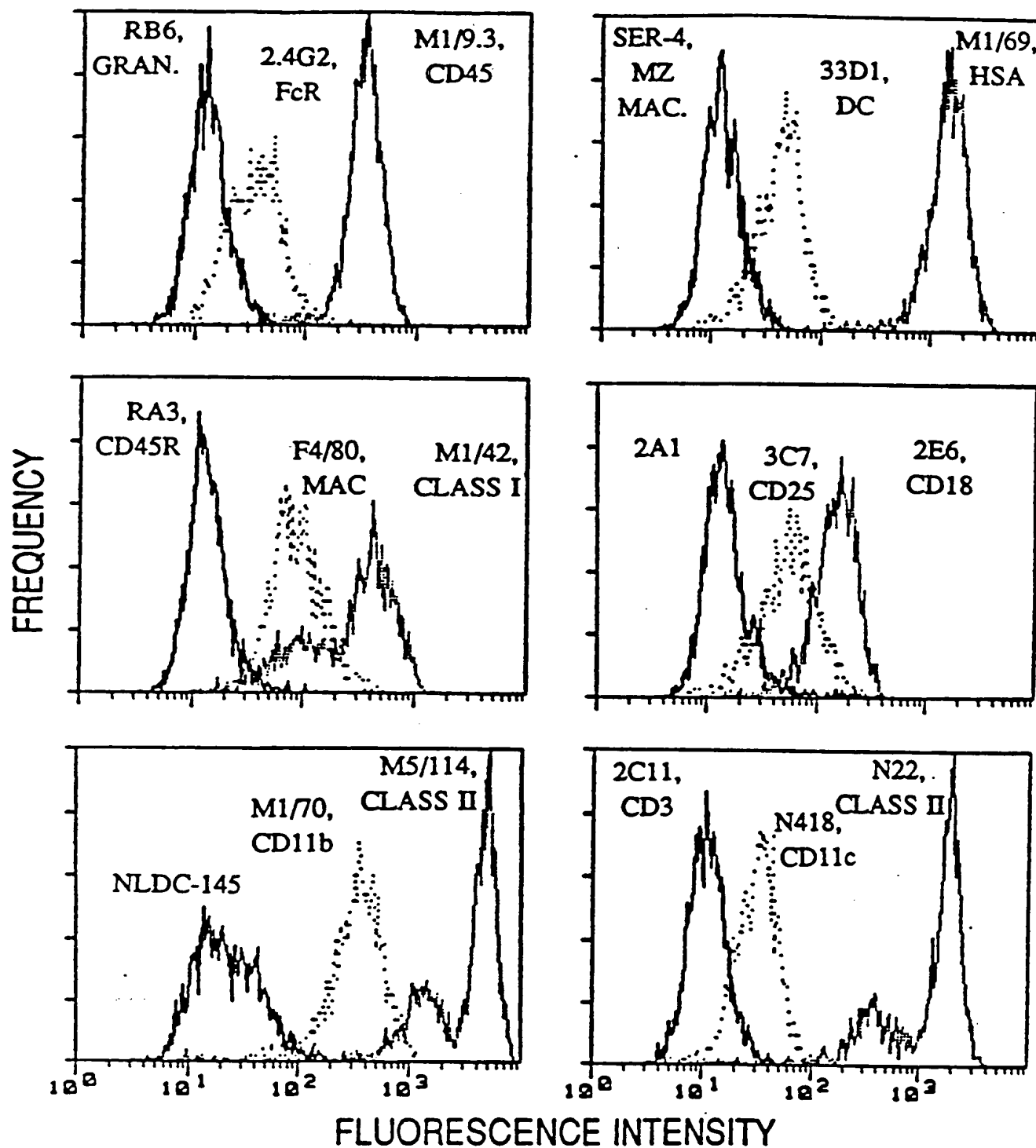


FIG. 2

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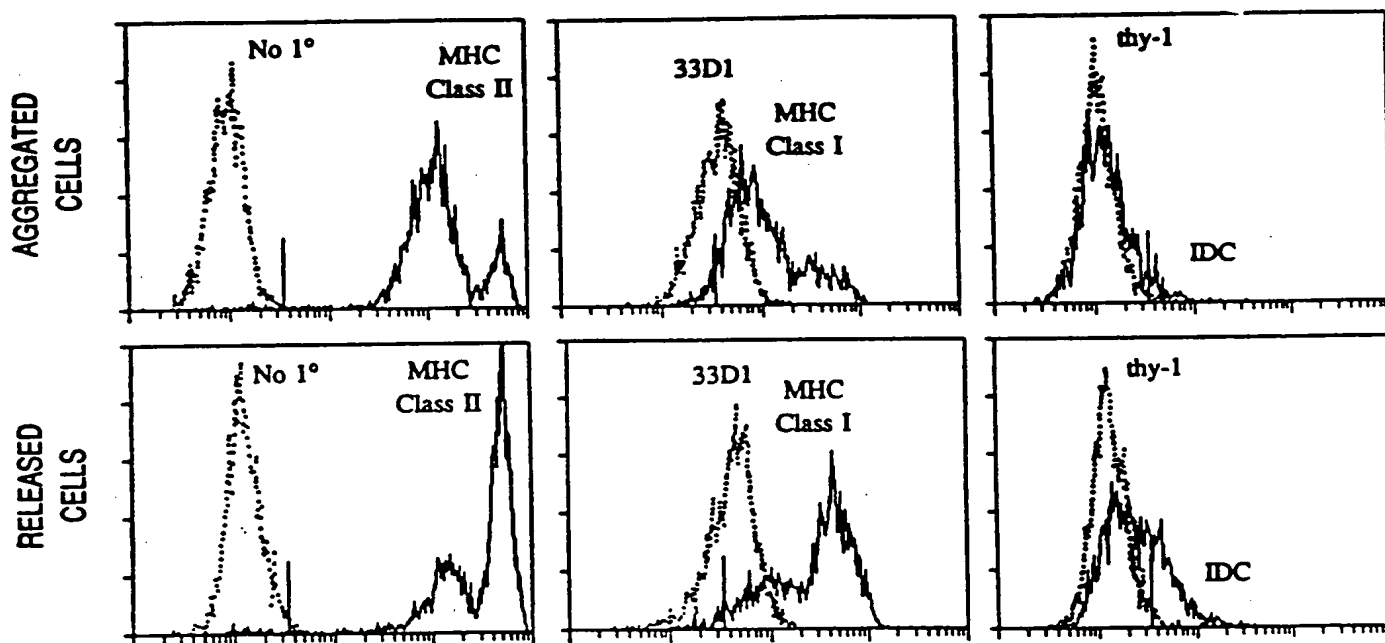
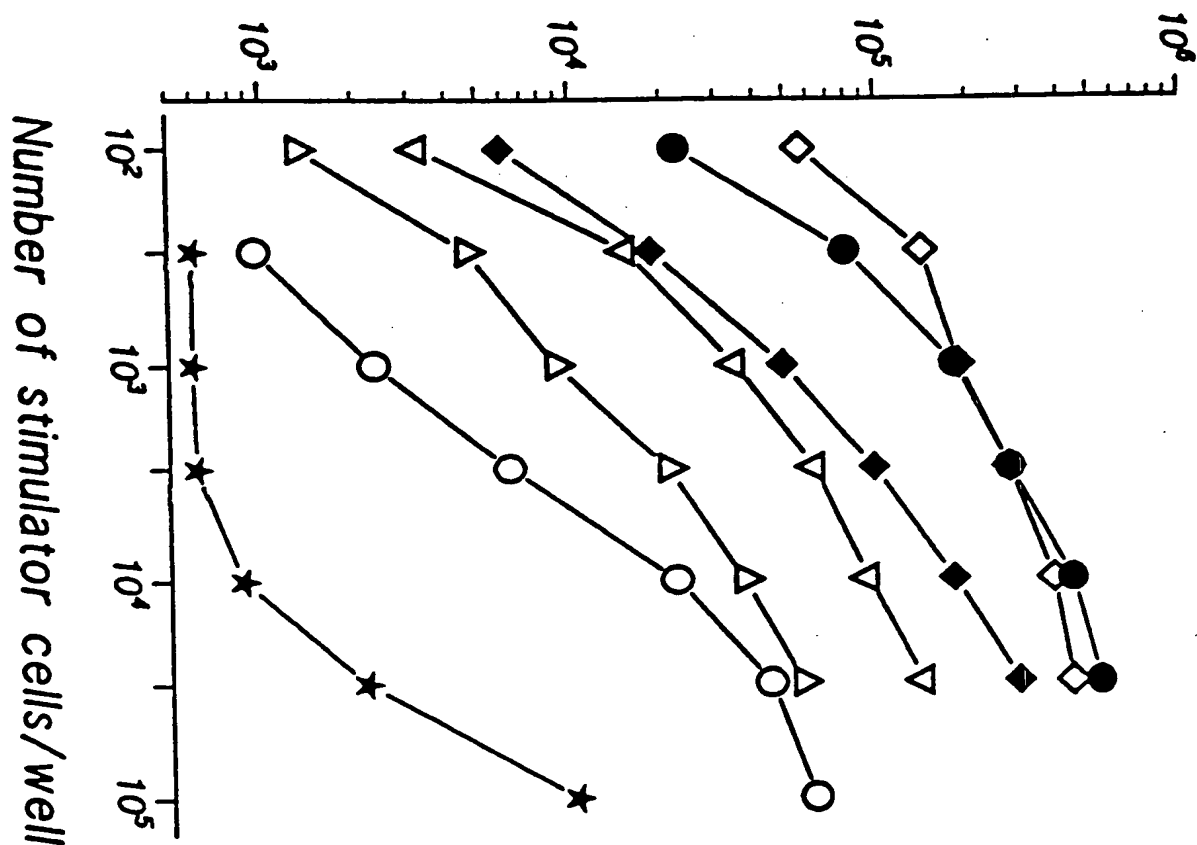


FIG. 3

^3H -Thymidine incorporation (cpm) 261537

- Spleen dendritic cells
- ◇ 20 days, nonadherent VC
- ◆ 20 days, aggregated cells
- ▽ 14 days, loosely adherent
- △ 7 days, bulk population
- 1 day, nonadherent
- ★ Fresh PBMC

FIG. 4

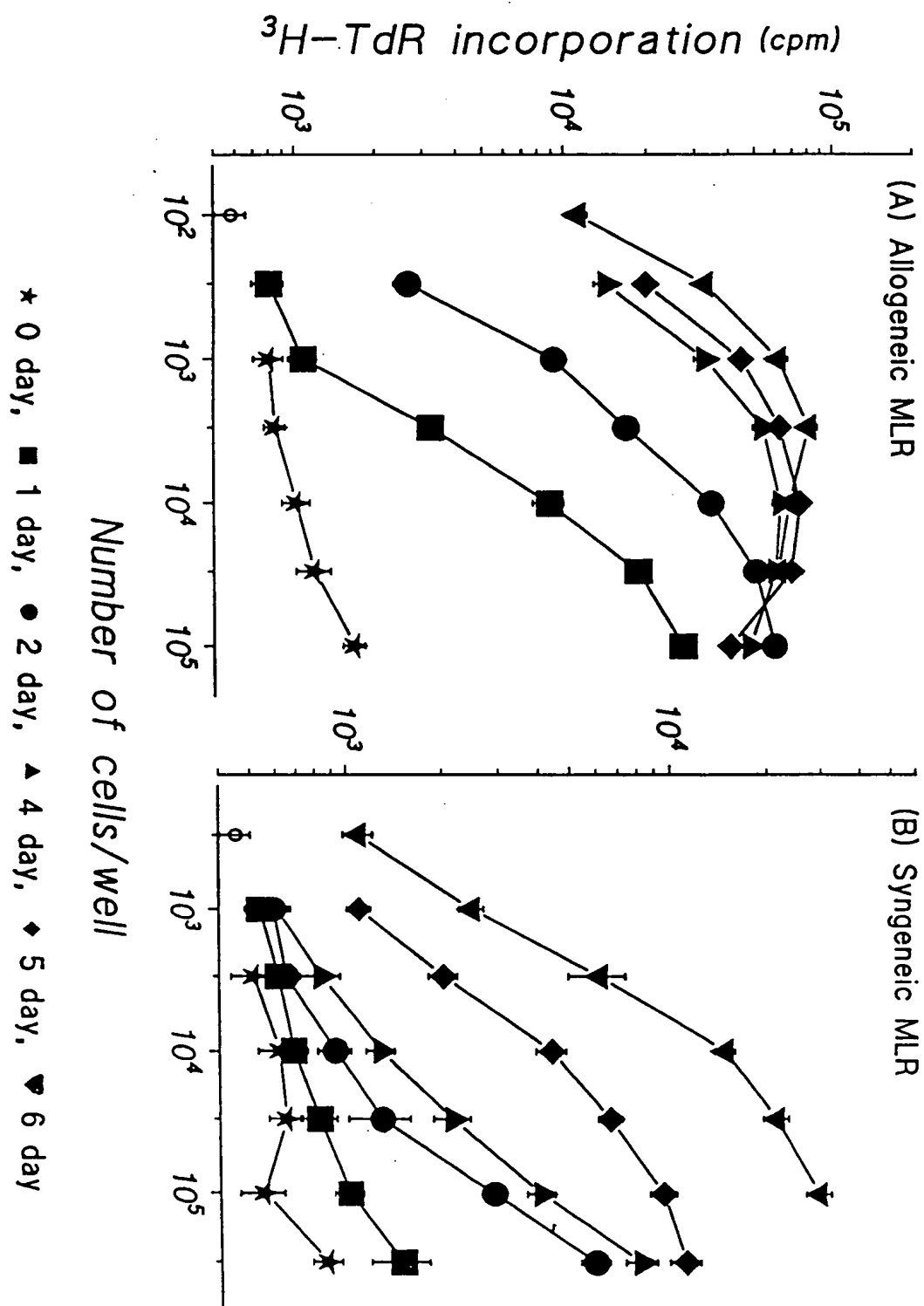


FIG. 5

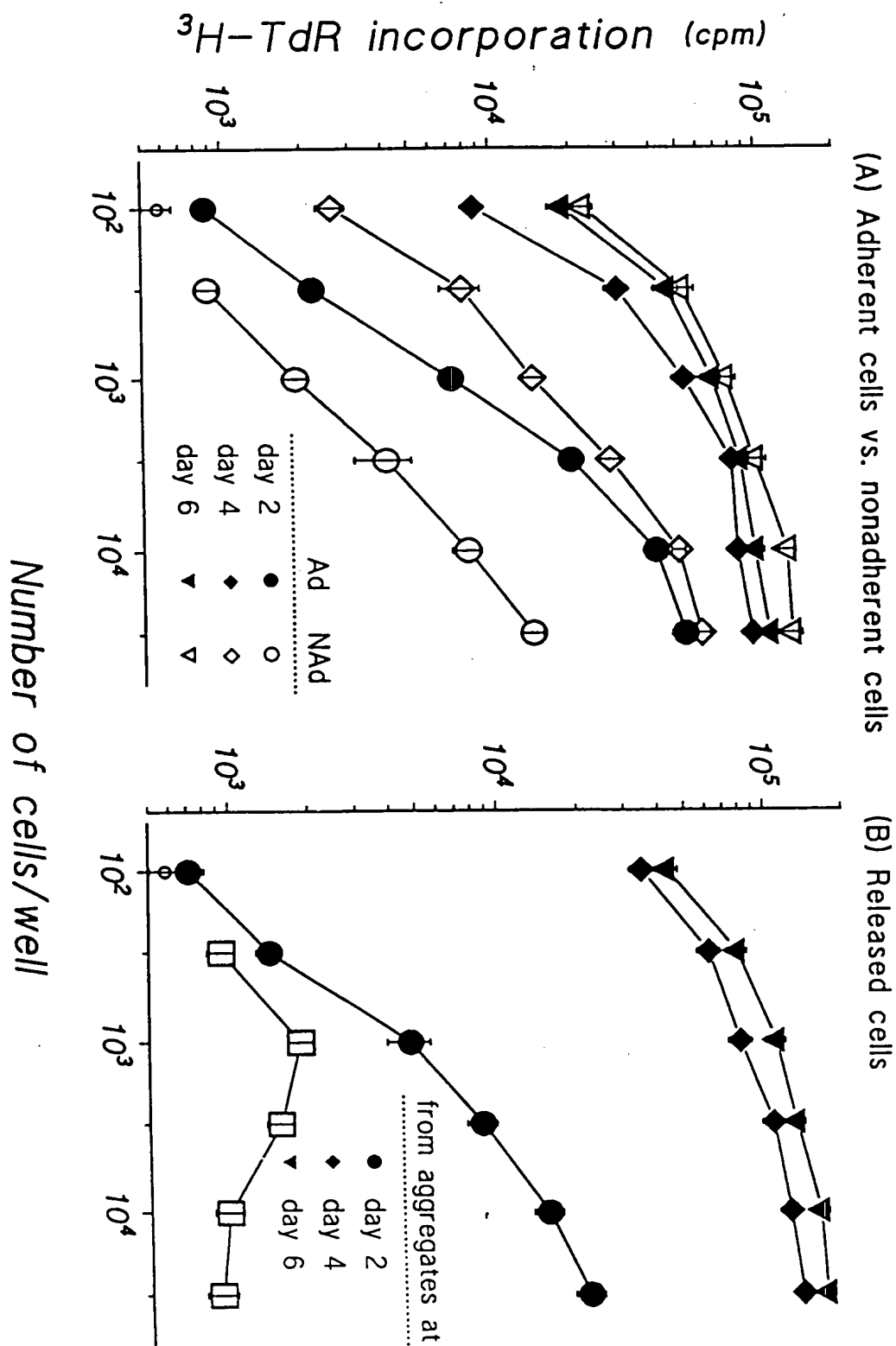
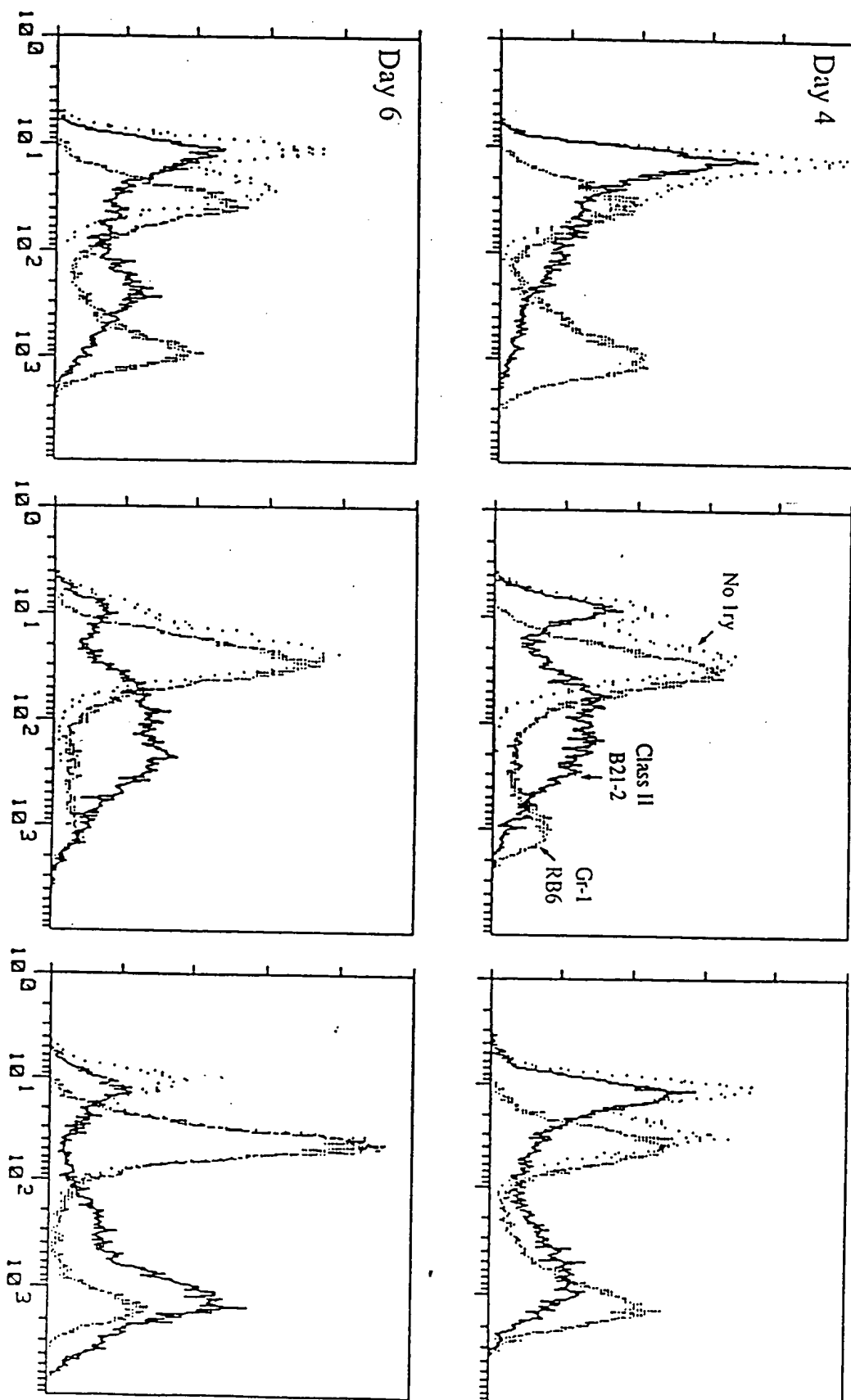


FIG. 6

Frequency

Unfractionated culture

Aggregated cells

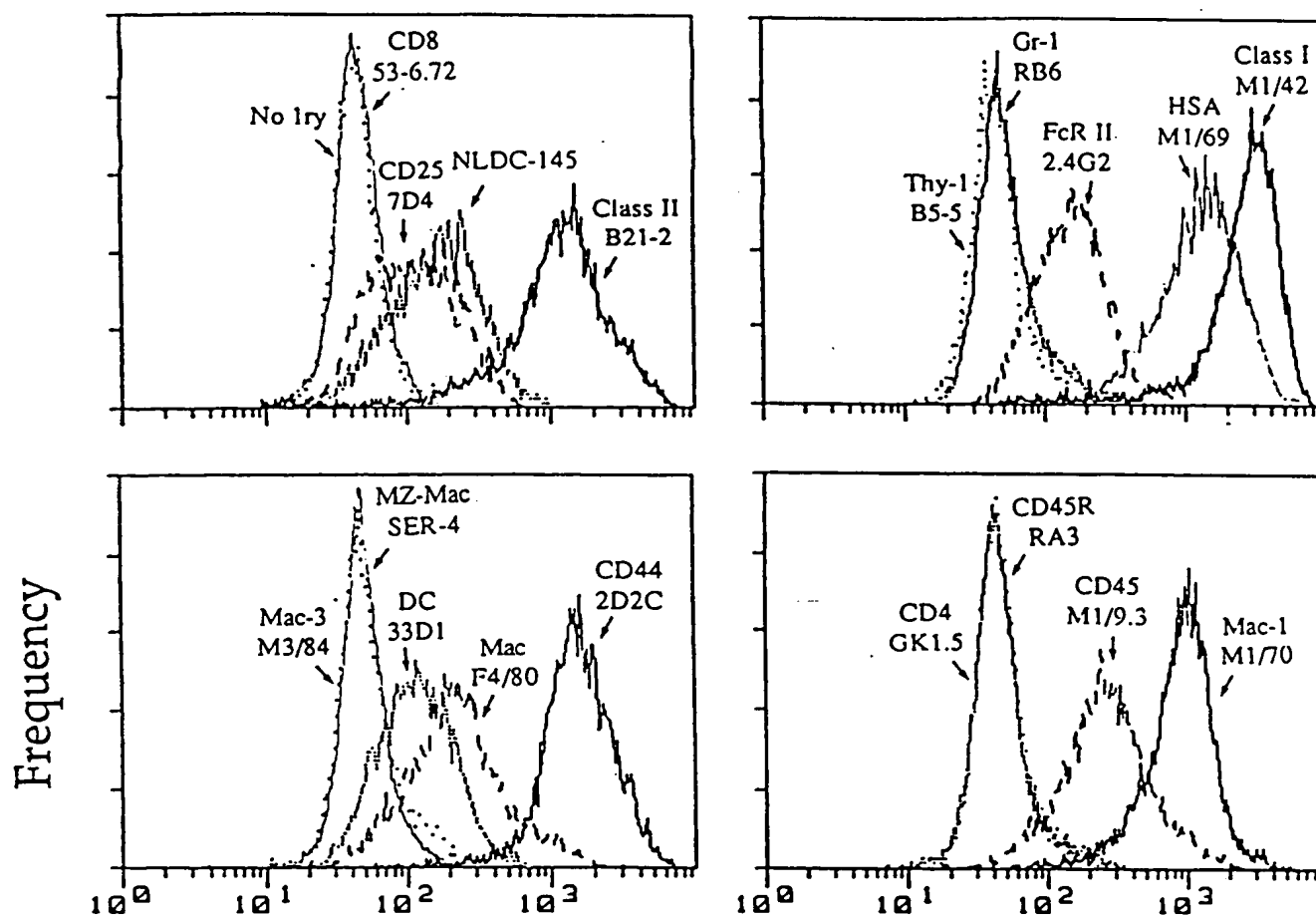
Cells released from aggregates
after 1d culture

Fluorescence Intensity

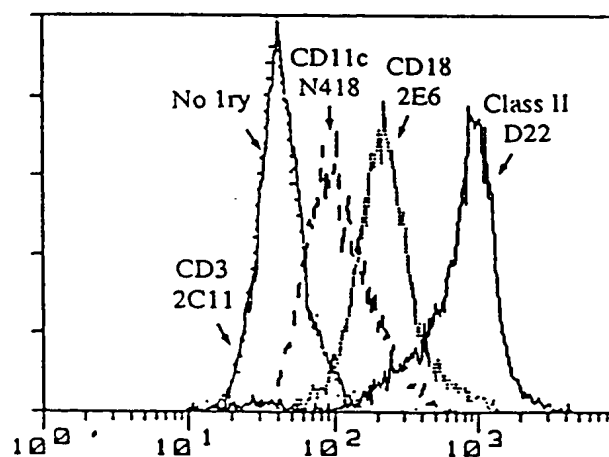
FIG. 7

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Rat MABs



Hamster MABs



Fluorescence Intensity

FIG. 8

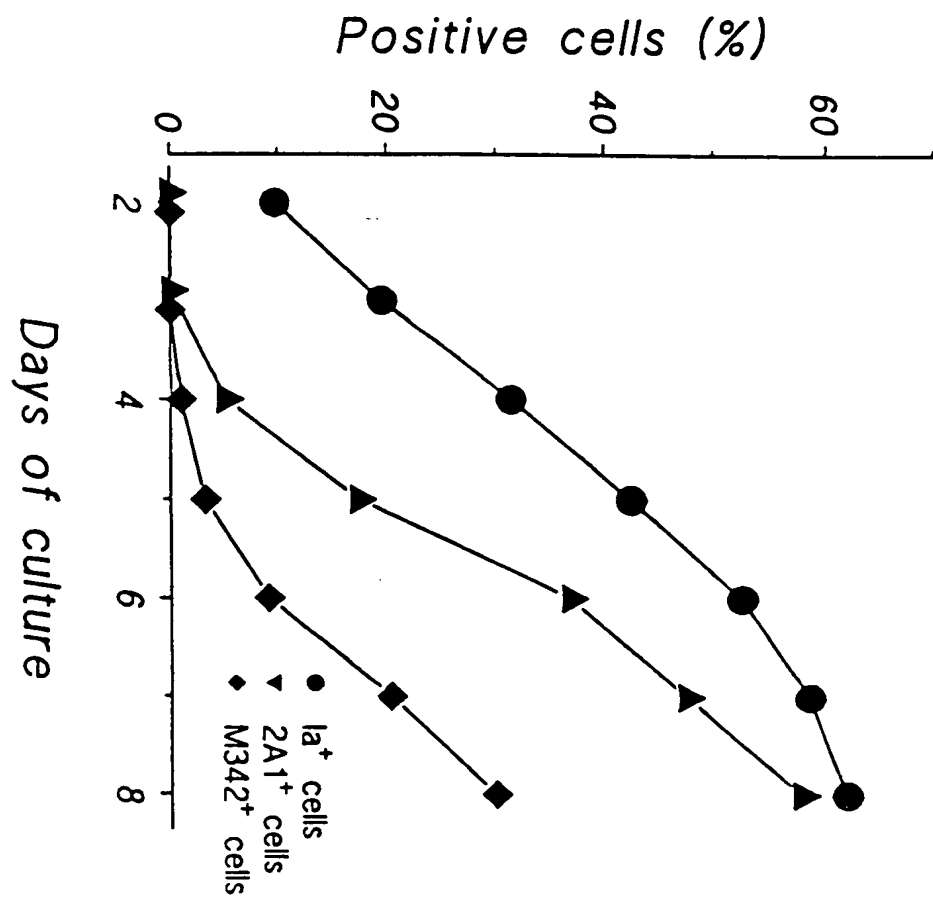


FIG. 9

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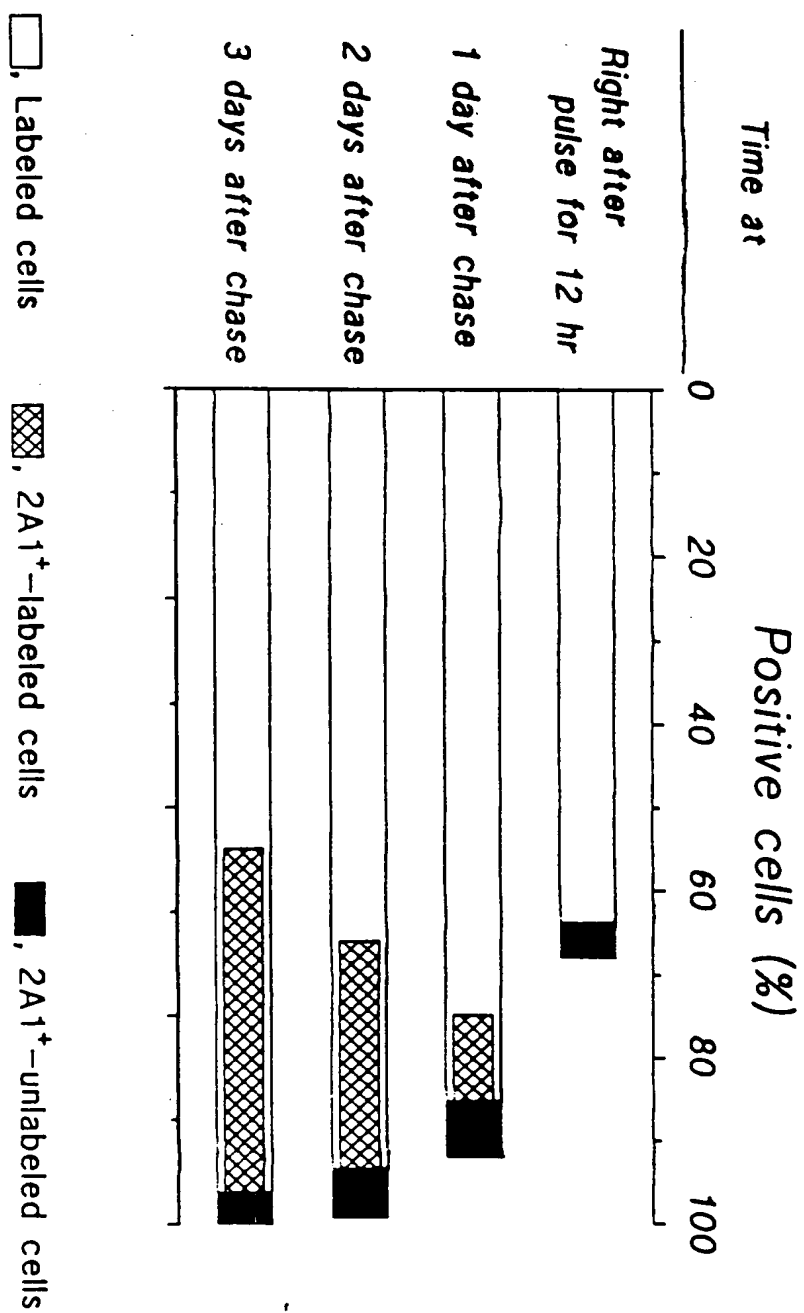
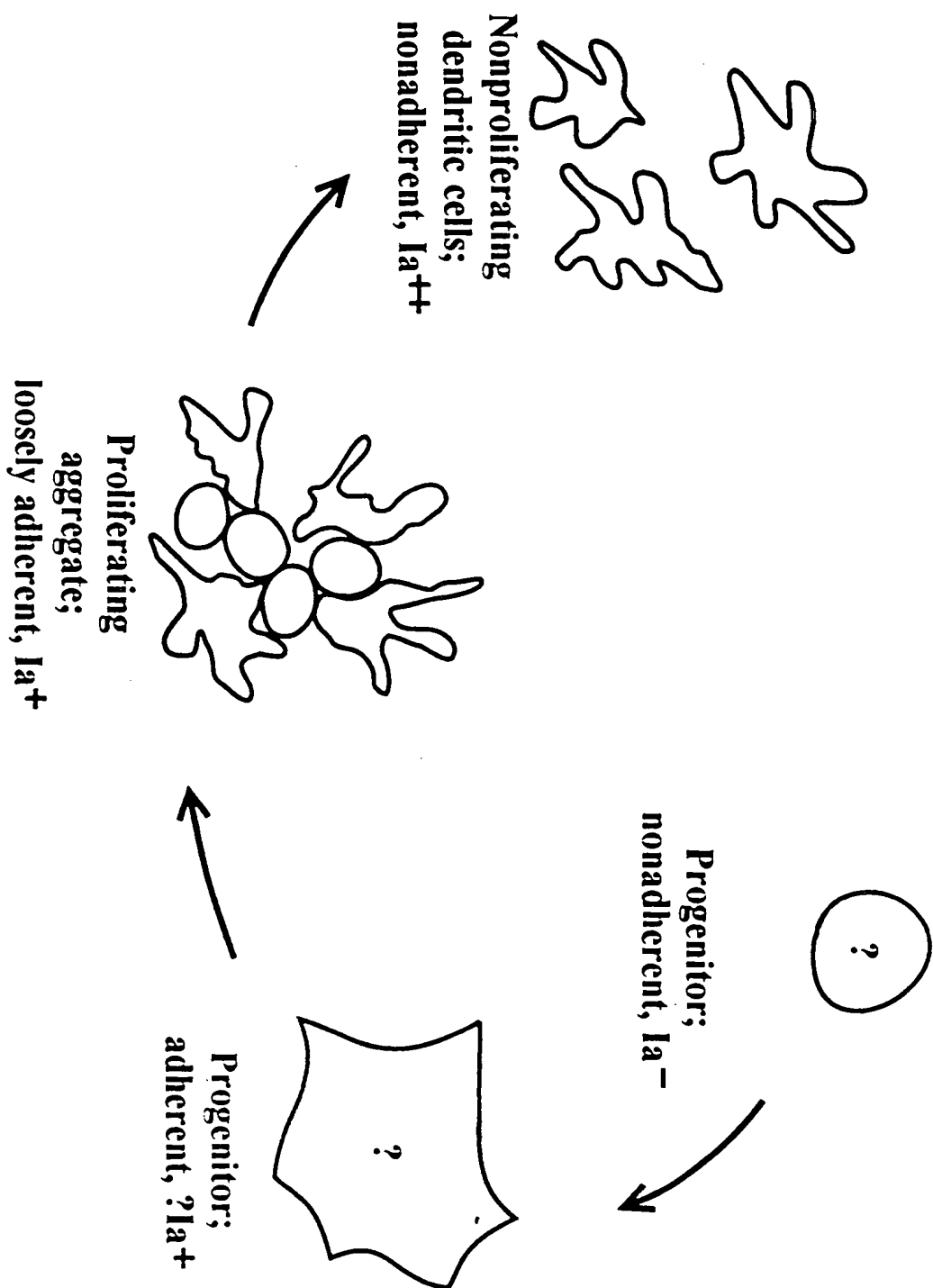


FIG. 10

Development of Dendritic Cells

**FIG. 11**

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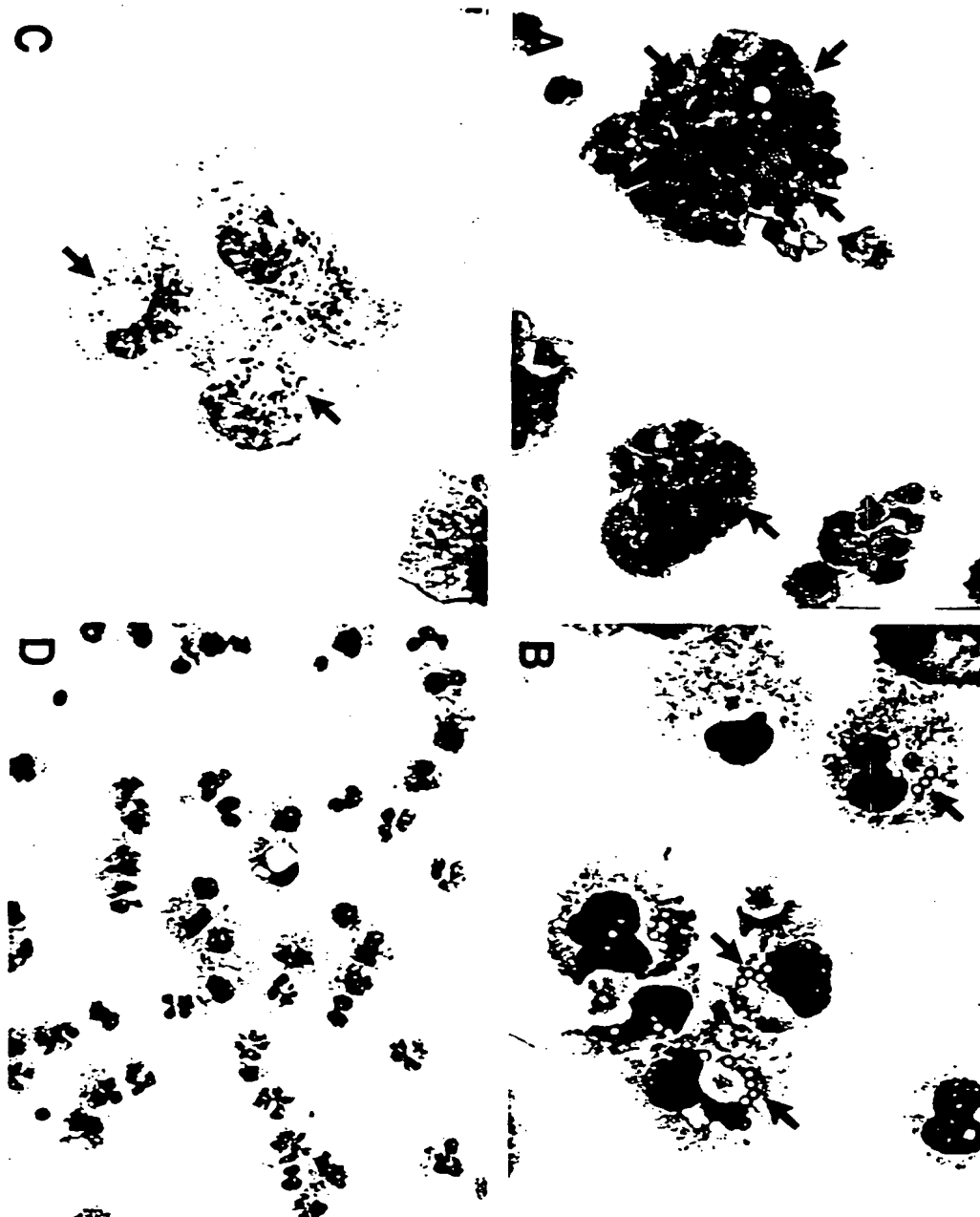


FIG. 12

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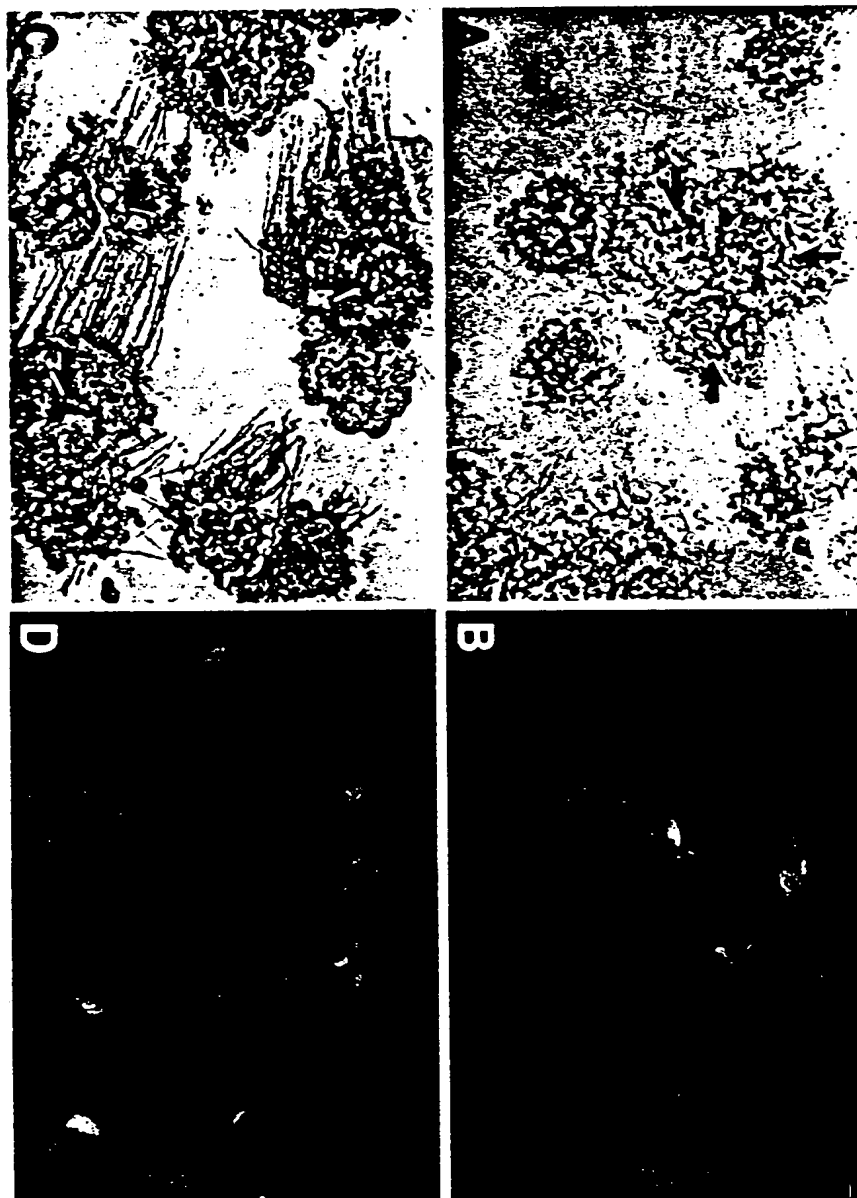
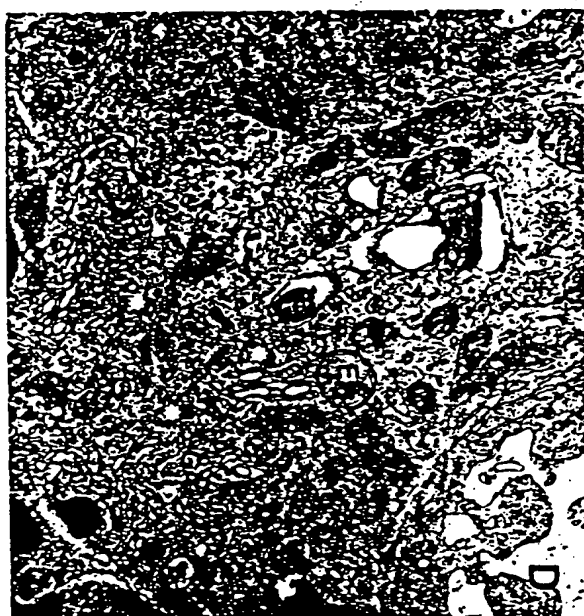


FIG. 13

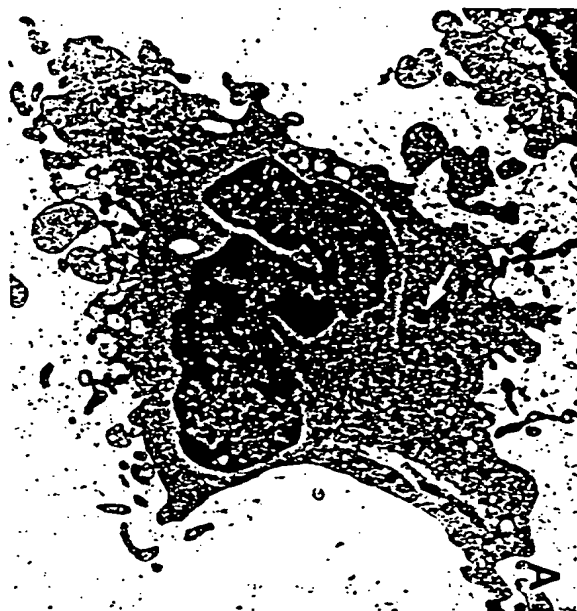
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X 20,000



X 15,000



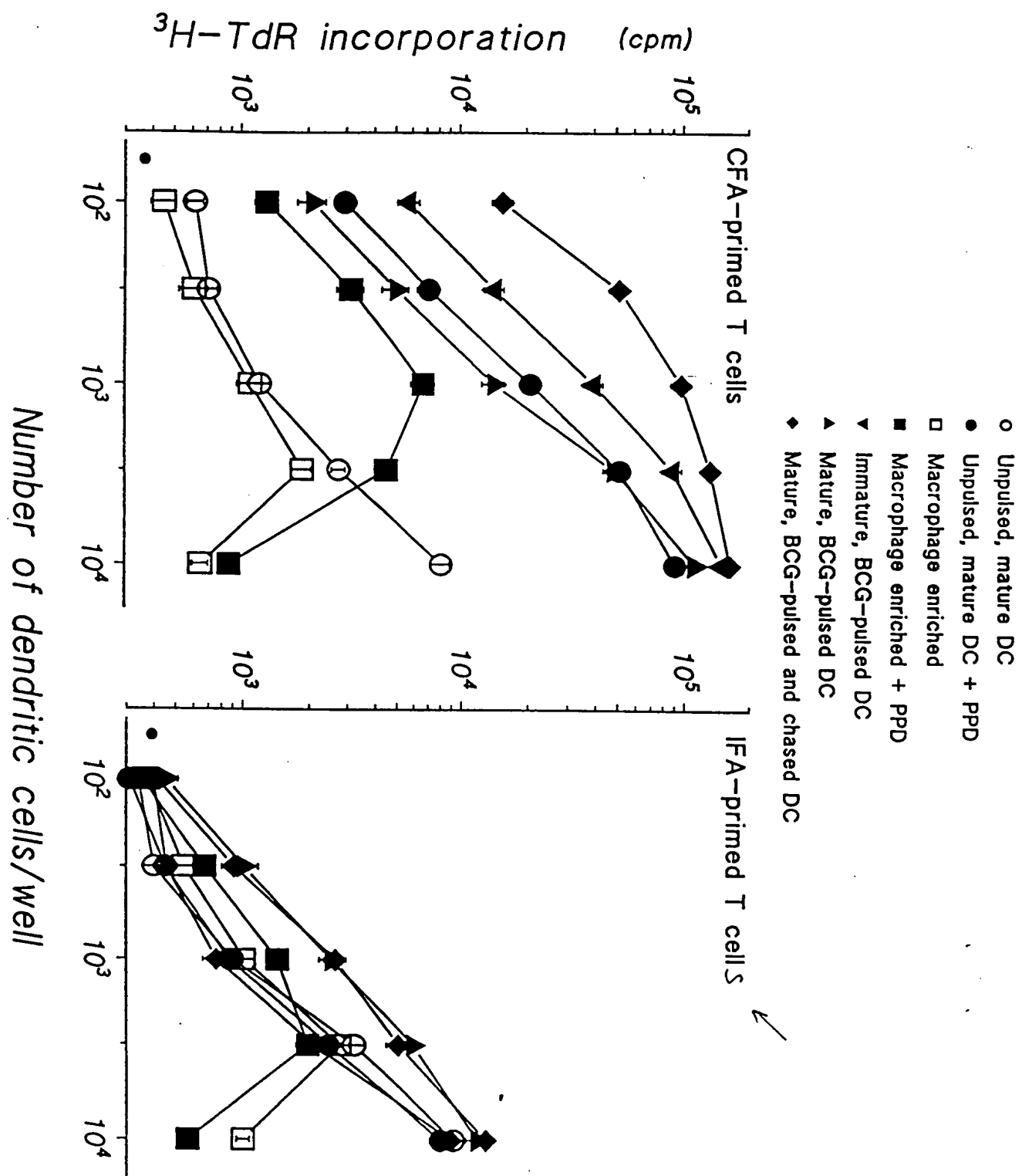
X 5,400



X 5,100

FIG. 14

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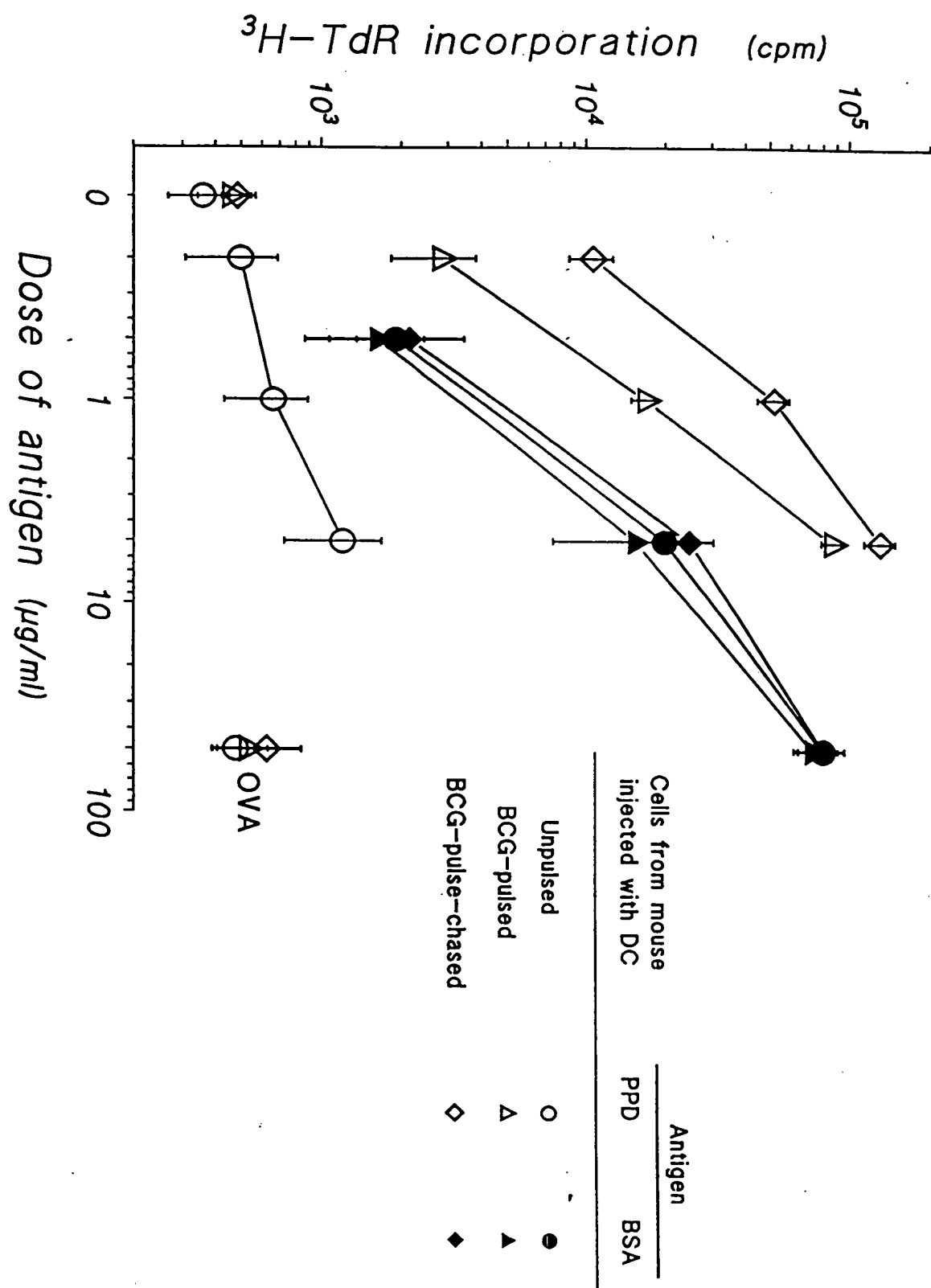
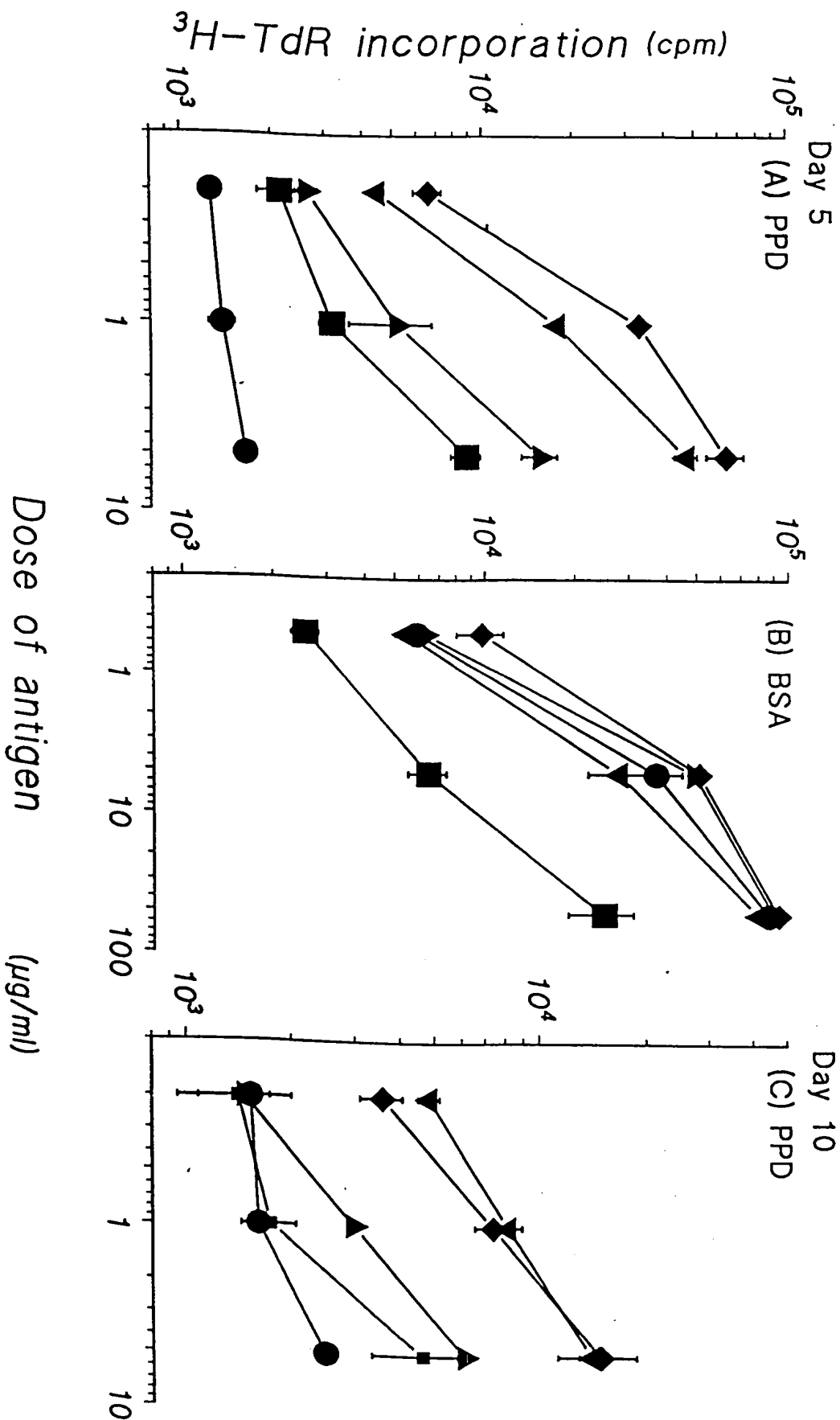


FIG. 16



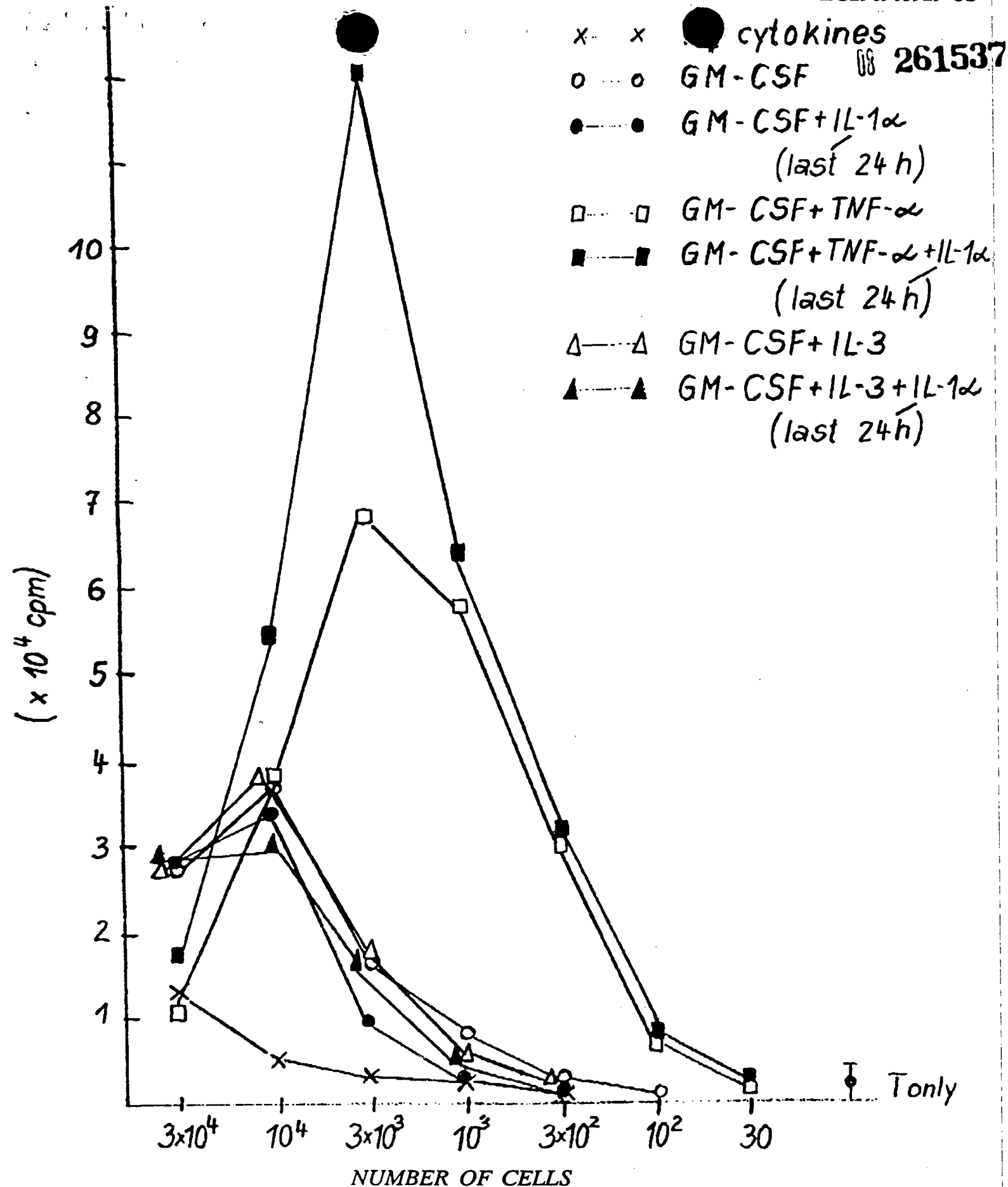


FIG. 18A

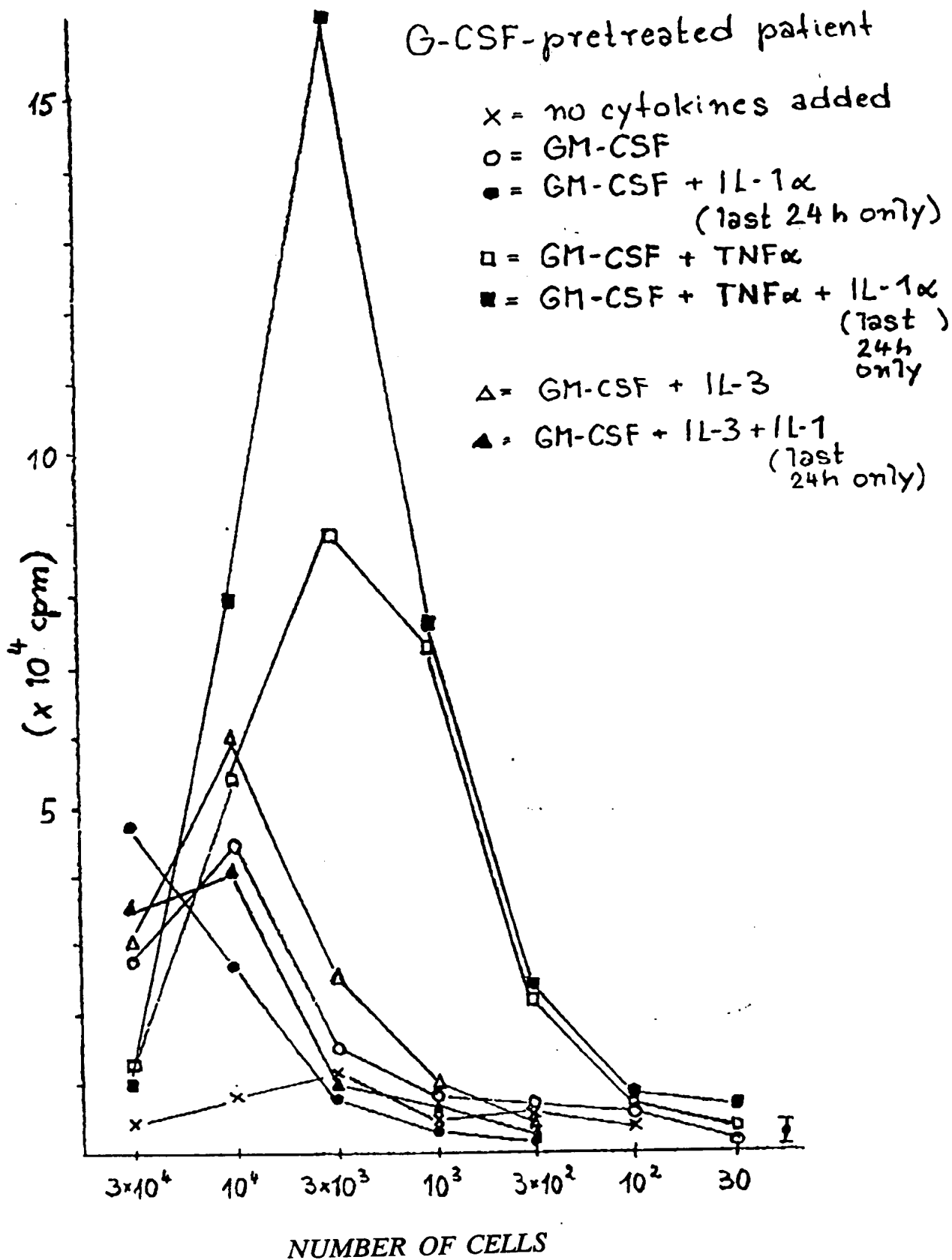


FIG. 18B

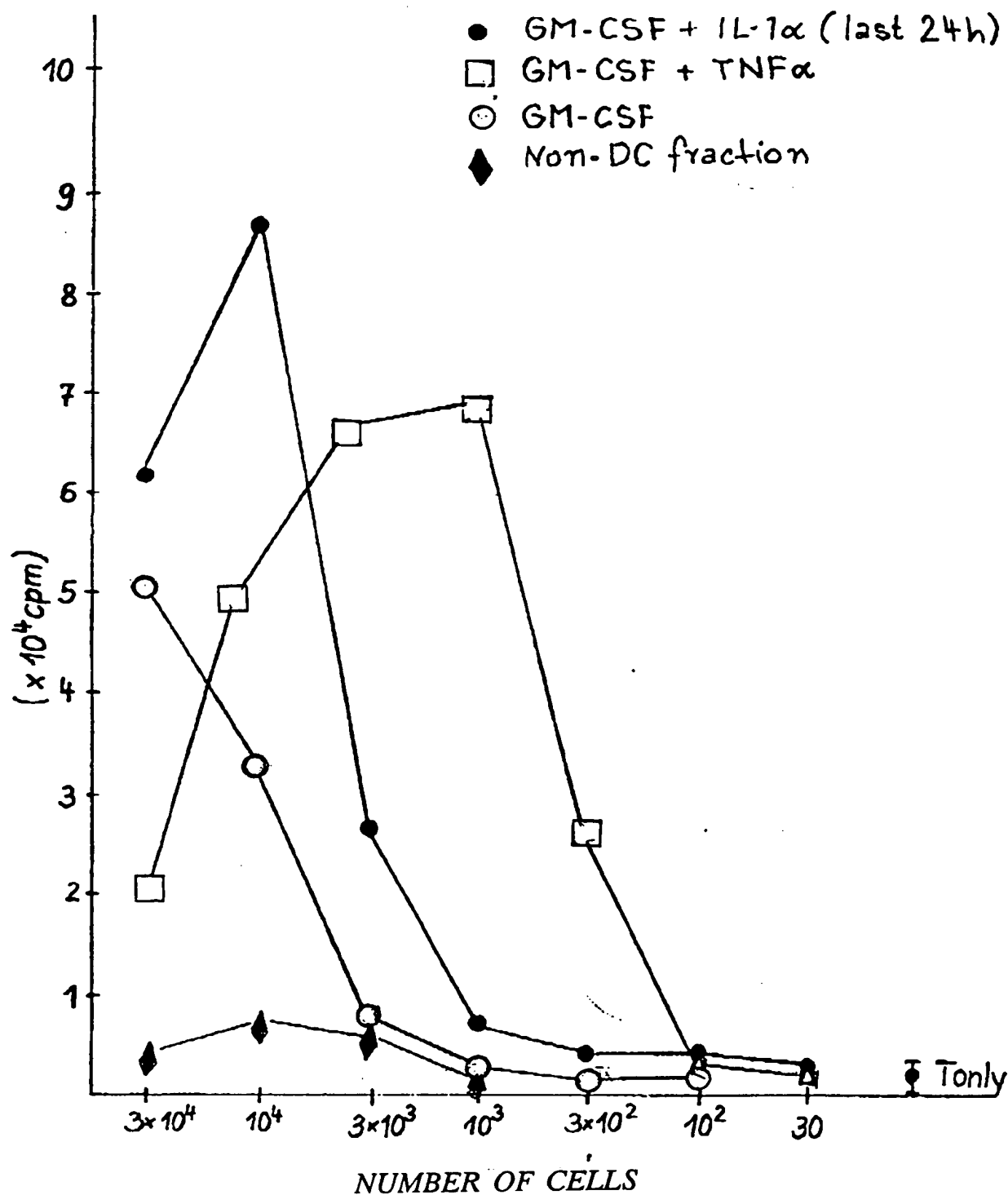


FIG. 18C

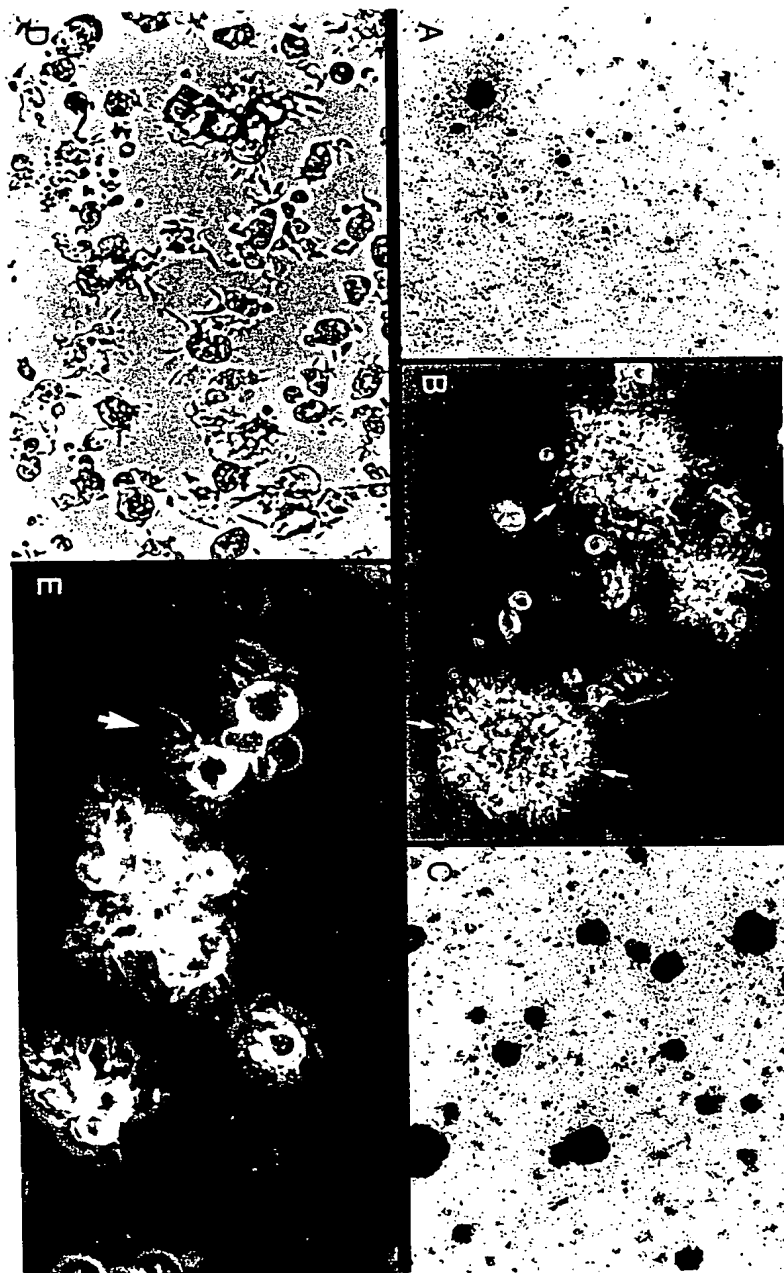


FIG. 19

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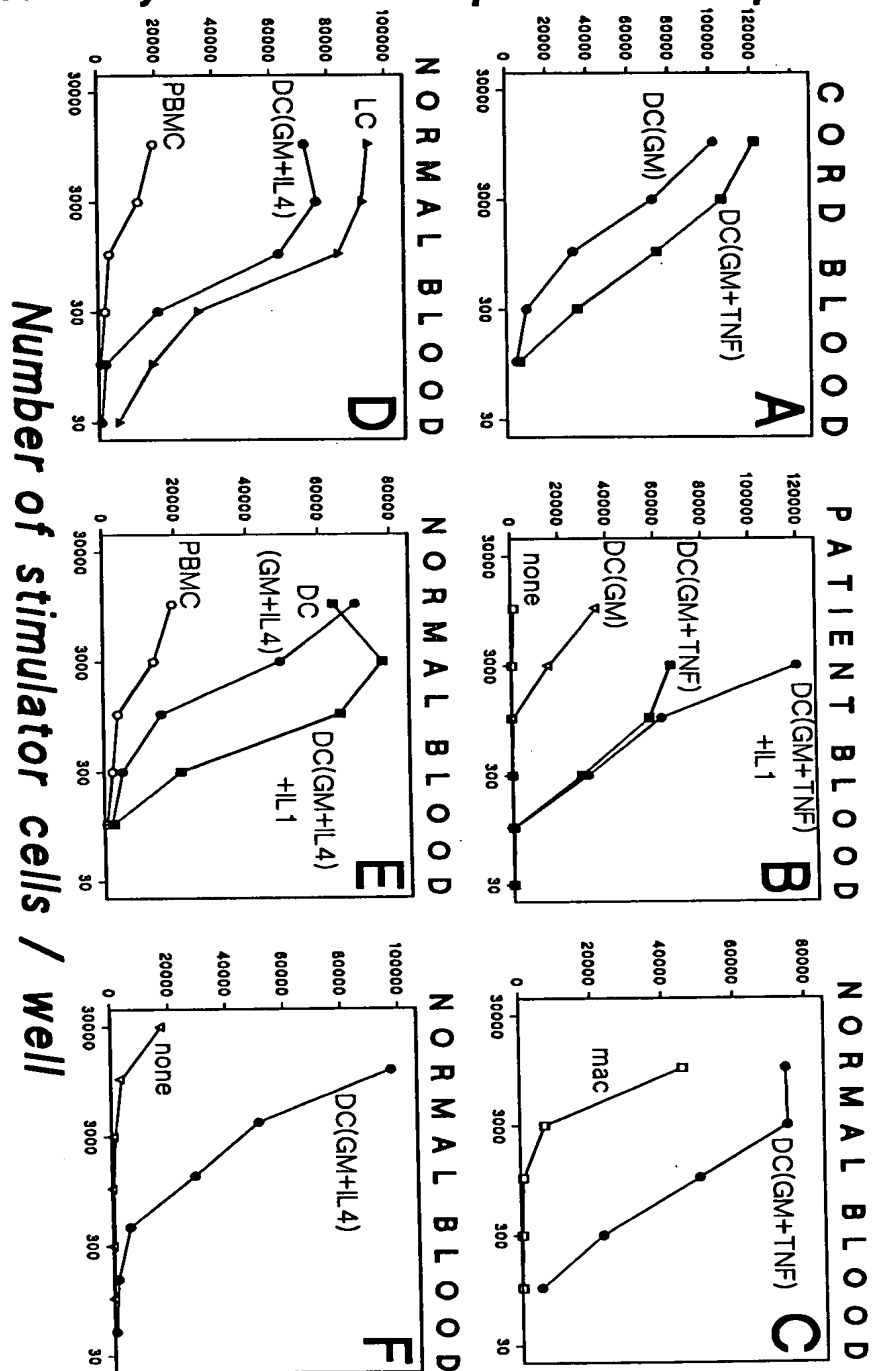
 ^3H -Thymidine incorporation [cpm]

FIG. 20

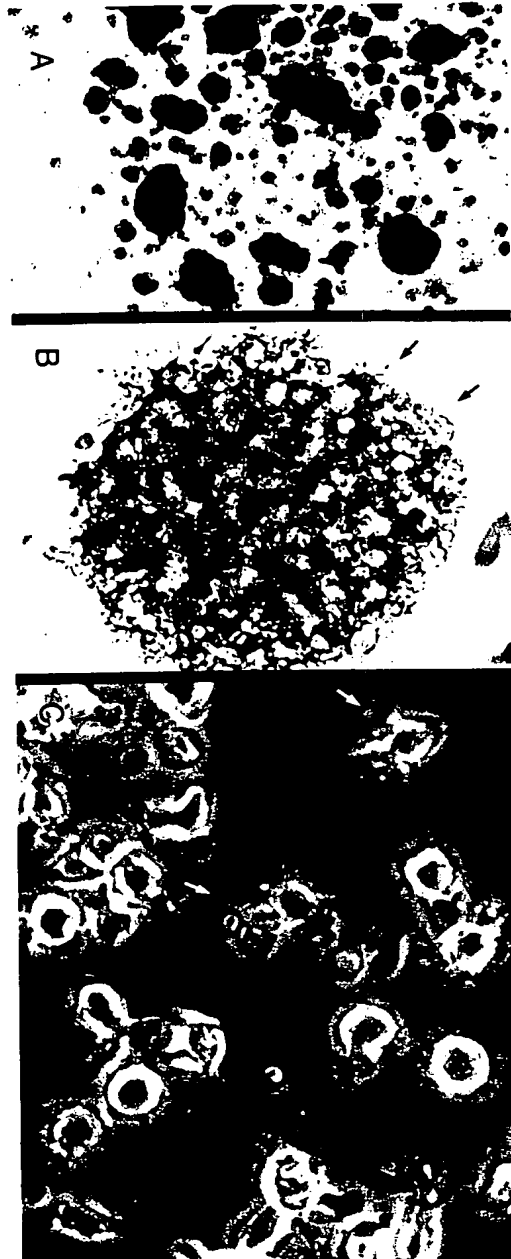


FIG. 21

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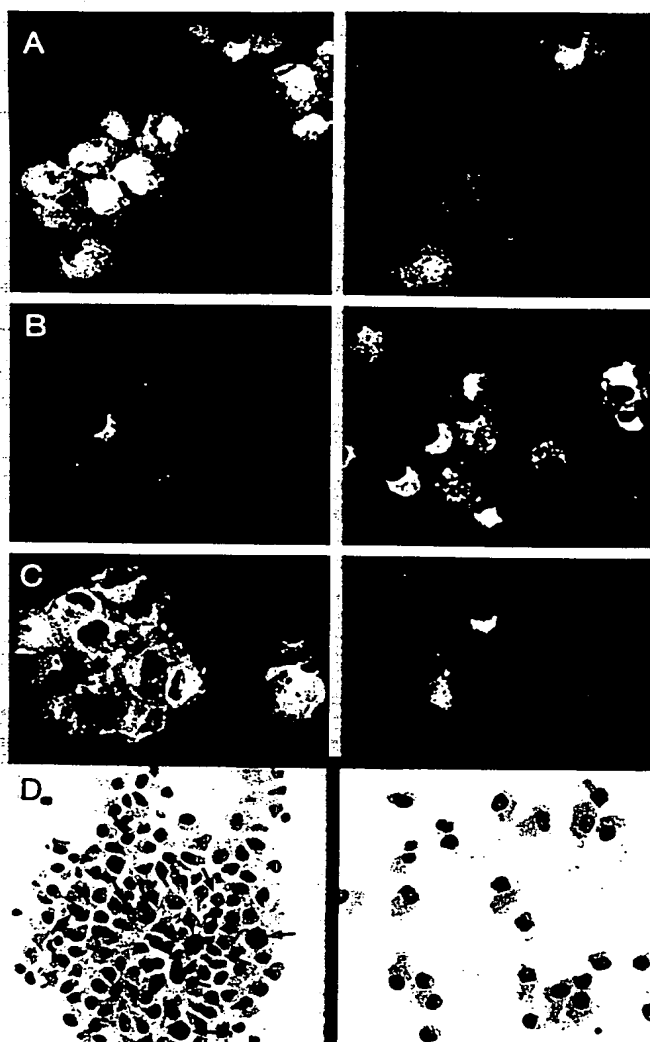


FIG. 22

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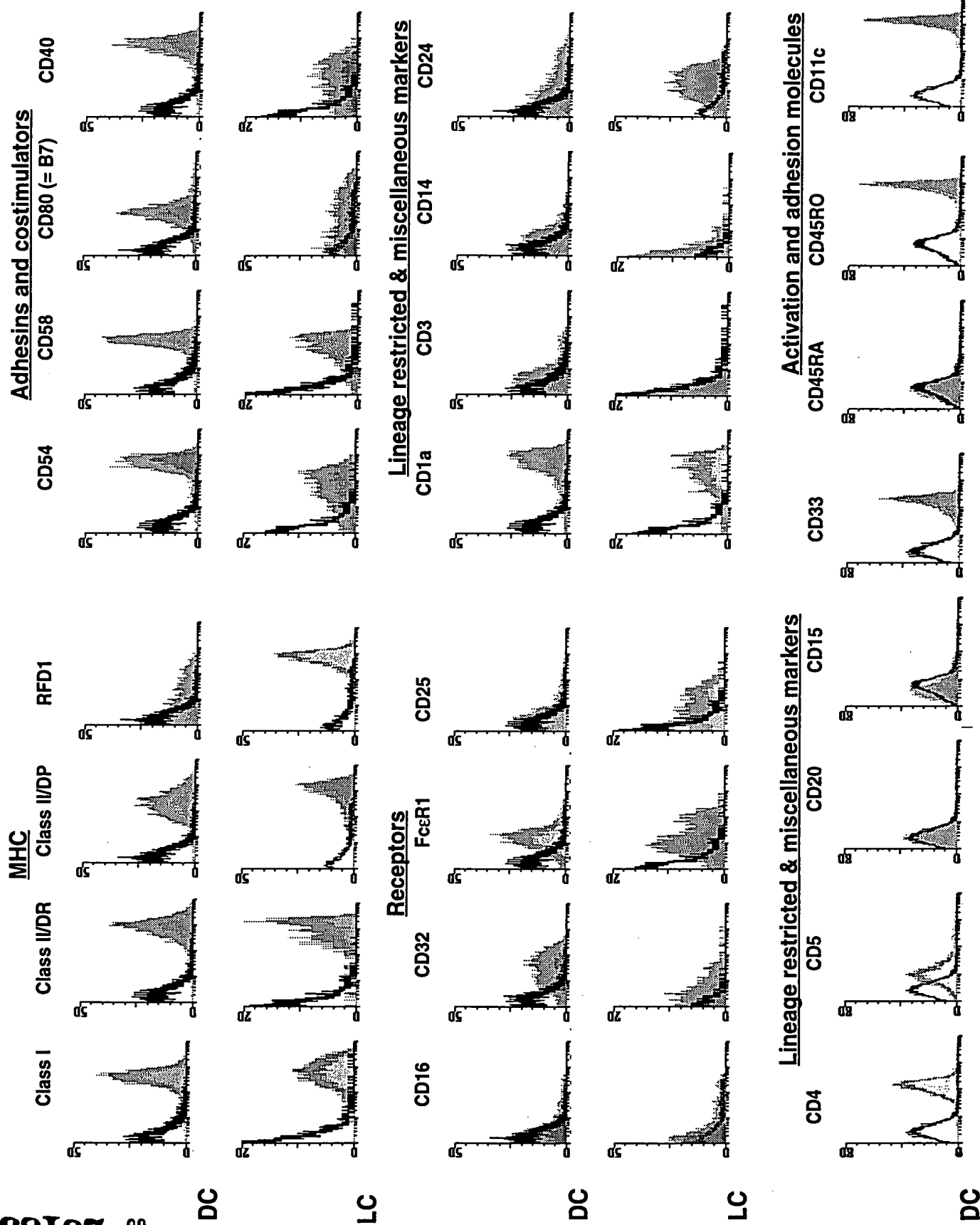


FIG. 23



FIG. 24